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Approved for use through 10/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

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Application Number	10/051,681
Filing Date	January 16, 2002
First Named Inventor	D. Cohen et al. JAN 24 2002
Group Art Unit	1645
Examiner Name	Unassigned
Attorney Docket Number	101.US5.REG

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Sheet 1 of 1

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RP	R85	CRUZ, L.J. et al., "Mutual antagonism in the metabolism of D-valine and D-leucine and antagonism by their analogs", <i>Arch Biochem Biophys.</i> , 1969, 135(1):341-9. PubMed, PMID: 4391341.	
RP	R86	DE KOK, A. et al., "Studies on L-amino acid oxidase. I. Effects of pH and competitive inhibitors", <i>Biochim Biophys Acta</i> , 1968, 167(1): 35-47, PubMed, PMID: 5693709.	
RP	R87	DE MARCHI, W.J. et al., "The oxidation of glycine by D-amino acid oxidase in extracts of mammalian central nervous tissue", <i>J Neurochem.</i> , 1969, 16(3):355-61. PubMed, PMID: 4389537.	
RP	R88	MCFARLANE, I.G. et al., "Metabolism of leucine in protein-calorie-deficient rats", <i>Biochem J.</i> , 1969, 111(4):565-71, PubMed, PMID: 4388242.	
RP	R89	MECHER, T. et al., "Presence of L-amino-acid oxidase in the blood in pemphigus, dermatitis herpetiformis Dühring and herpes zoster", <i>Clin. Chim. Acta</i> , 1969, 24(1): 111-20, PubMed, PMID: 5780154.	
RP	R90	MIZON, J. et al., "Properties of turkey ( <i>Meleagris gallopavo</i> L.) liver L-amino acid oxidase", <i>Biochim Biophys Acta</i> , 1970, 212(1):33-42 [article in French], PubMed, PMID 5500943.	
RP	R91	NEIMS, A.H. et al., "Distribution of D-amino acid oxidase in bovine and human nervous tissues", <i>J Neurochem.</i> , 1966, 13(3):163-8, PubMed, PMID: 4380208.	
RP	R92	NISHIKIMI, M. et al., "The occurrence of superoxide anion in the reaction of reduced phenazine methosulfate and molecular oxygen", <i>Biochem Biophys Res Commun.</i> , 1972, 46(2):849-54, PubMed, PMID: 4400444.	
RP	R93	SHINWARI, M.A. et al., "Naturally occurring inhibition and activation of avian liver L-amino acid oxidase", 1967, 104(3): 53P - 54P, PubMed, PMID: 6049890.	
RP	R94	SINGER, S. et al., "The effects of the administration of sodium benzoate and diethylstilbestrol disulfate on the hepatic levels of several glucocorticoid-sensitive enzymes in adrenalectomized rats", <i>Biochim Biophys Acta.</i> , 1967, 146(2):443-51, PubMed, PMID: 4383683.	
RP	R95	SIVA SANKAR, D.V. et al., "The effect of chlorpromazine and of oxygen on the substrate-inhibition of L-amino acid oxidase", <i>Biochem. Med.</i> , 1975(1): 75-82, PubMed, PMID: 1212242.	
RP	R96	ZELLER, E.A. et al., "Interaction of ophidian L-amino acid oxidase with its substrates and inhibitors: role of molecular geometry and electron distribution. Communication 6 on ophidian L-amino acid oxidases", <i>Helv. Chim. Acta</i> , 1974;57(8): 2406-20, PubMed, PMID: 4443288.	
RP	R97	ZIMMERMAN, S.E. et al., "Immunochemical studies of L-amino acid oxidase", <i>Biochim Biophys Acta</i> , 1971, 229(1):260-70, PubMed, PMID: 5543611.	

Examiner Signature	Rebecca Proulx	Date Considered	2/5/05
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached

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PTO/SB/08B (10-01)

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/211,160
		Filing Date	August 1, 2002
		First Named Inventor	Daniel Cohen
		Group Art Unit	1615
		Examiner Name	Unassigned
Sheet	1	of	1
		Attorney Docket Number	G-101US06CIP

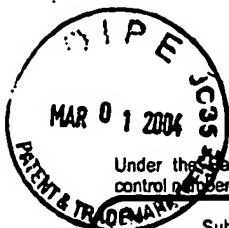
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RP	R1	GREENE, R. "Circuit analysis of NMDAR hypofunction in the hippocampus, in vitro, and psychosis of schizophrenia", <i>Hippocampus</i> , 2001, 11(5):569-577.	
RP	R2	FUKUI, K. and Y. Miyake. "Molecular cloning and chromosomal localization of a human gene encoding D-amino-acid oxidase" <i>J. Biol. Chem.</i> , 1992, 267(26):18631-18638.	
RP	R3	MOTHET, J-P. et al. "D-serine is an endogenous ligand for the glycine site of the N-methyl-D-aspartate receptor", <i>PNAS</i> , 2000, 97(9):4926-4931.	
RP	R4	HERESCO-LEVY, U. "N-methyl-D-aspartate (NMDA) receptor-based treatment approaches in schizophrenia: the first decade", <i>Intl. J. Neuropsychopharmacol</i> , 2000, 3:243-258.	
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Examiner Signature	Rebecca Prouty	Date Considered	2/5/05
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

## Complete if Known

Application Number	10/051,681
Filing Date	January 16, 2002
First Named Inventor	Daniel Cohen
Group Art Unit	1645
Examiner Name	Kenneth R. Horlick
Attorney Docket Number	G-101US05REG

Sheet 1 of 1

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RP	R1	LEESON, P. et al. "The Glycine Site on the NMDA Receptor: Structure-Activity Relationships and Therapeutic Potential", November 25, 1994, pp. 4053-4067, Vol. 37, No. 24.	
RP	R2	WOOD, P. "Current Status of NMDA-Associated Glycine Site Modulators in the Treatment of Alzheimer's Disease", 1997, pp. 245-251, Vol. 2, No. 5.	
	R3		
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			Application Number	10/051,681	
			Filing Date	January 16, 2002	
			First Named Inventor	Daniel Cohen	
			Art Unit	1645	
			Examiner Name	Kenneth R. Horlick	
Sheet	1	of	2	Attorney Docket Number	G-101US05REG

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	U1	US-			
	U2	US-			
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	U7	US-			
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	U9	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
RP	F1	WO 01/09118	02-08-2001	Prendergast, et al.	All	
RP	F2	WO 95/01096	01-12-1995	Howard K. Shapiro	All	
RP	F3	WO 01/68104	09-20-2001	McLean Hospital Corp.	All	
	F4					
	F5					
	F6					
	F7					

Examiner Signature	Rebecca Proulx	Date Considered	2/6/05
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			Filing Date	January 16, 2002
			First Named Inventor	Daniel Cohen
			Group Art Unit	1645
			Examiner Name	Kenneth R. Horlick
			Attorney Docket Number	G-101US05REG
Sheet	2	of	2	

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RP	R1	SCHORK, N.J. <i>et al.</i> "Single Nucleotide Polymorphism and the Future of Genetic Epidemiology", <i>Clinical Genetics</i> , 2000, pp. 250-264, Vol. 58, Copenhagen, DK.	
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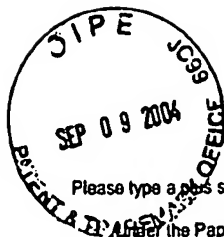
Examiner Signature	Rebecca P. [Signature]	Date Considered	2/5/15
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				Application Number	10/051,681
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Filing Date	January 16, 2002
				First Named Inventor	Daniel Cohen
				Group Art Unit	1637
				Examiner Name	Kenneth R. Horlick
Sheet	1	of	4	Attorney Docket Number	G-101US05REG

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
RP	U1	4,279,917		Takami <i>et al.</i>	07-21-1981	All
RP	U2	4,491,589		Dell <i>et al.</i>	01-01-1985	All
RP	U3	4,604,286		Kawajiri	08-05-1986	All
RP	U4	5,605,818		Katsumata <i>et al.</i>	02-25-1997	All
RP	U5	6,013,672		Ye <i>et al.</i>	01-11-2000	All
RP	U6	6,084,084		Stormann <i>et al.</i>	07-04-2000	All
RP	U7	6,001,575		Huganir <i>et al.</i>	12-14-1999	All
RP	U8	6,362,226		Phillips, III <i>et al.</i>	03-26-2002	All
RP	U9	5,789,444		Choi <i>et al.</i>	08-04-1998	All
RP	U10	5,447,948		Seibyl <i>et al.</i>	09-05-1995	All
RP	U11	5,089,517		Choi <i>et al.</i>	02-18-1992	All
RP	U12	5,670,539		Richardson	09-23-1997	All
RP	U13	6,620,850	B2	Martynyuk <i>et al.</i>	09-16-2003	All
RP	U14	2003/0216472	A1	Martynyuk <i>et al.</i>	11-20-2003	All
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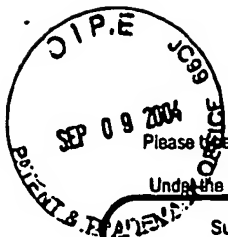
FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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Examiner Signature	Rebecca Rautz	Date Considered	2/5/05
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Application Number	10/051,681
Filing Date	January 16, 2002
First Named Inventor	Daniel Cohen
Group Art Unit	Kenneth R. Horlick
Examiner Name	1637
Attorney Docket Number	G-101US05REG

Sheet 2 of 4

## NON PATENT LITERATURE DOCUMENTS

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RP	R1	CHIARONI, P. et al. "A multivariate analysis of red blood cell membrane transports and plasma levels of L-Tyrosine and L-Tryptophan in depressed patients before treatment and after clinical improvement" <i>Neuropsychobiology</i> , 1990, 23:1-7.	
RP	R2	DOLLINS, A.B. et al. "L-Tyrosine ameliorates some effects of lower body negative pressure stress" <i>Physiology &amp; Behavior</i> , 1995, 57(2):223-230.	
RP	R3	EATON, S.A. et al. "Competitive antagonism at metabotropic glutamate receptors by (S)-4-carboxyphenylglycine and (RS)- $\alpha$ -methyl-4-carboxyphenylglycine" <i>European Journal of Pharmacology-Molecular Pharmacology Section</i> , 1993, 244:195-197.	
RP	R4	GAGLIARDI, R.J. "Neuroprotection, excitotoxicity and NMDA antagonists" <i>Arch Neuropsychiatr</i> , 2000, 58(2-B):583-588.	
RP	R5	GALLOWAY, G.P. et al. "A historically controlled trial of tyrosine for cocaine dependence" <i>Journal of Psychoactive Drugs</i> , July-September 1996, 28(3):305-309.	
RP	R6	GELENBERG, A.J. et al. "Neurotransmitter precursors for the treatment of depression" <i>Psychopharmacology Bulletin</i> , January 1982, 18(1):7-18.	
RP	R7	HAJAK, G. et al. "The influence of intravenous L-Tryptophan on plasma melatonin and sleep in men" <i>Pharmacopsychiat.</i> , 1991, 24:17-20.	
RP	R8	HELLER, B. et al. "Therapeutic action of D-phenylalanine in Parkinson's Disease" <i>Arzneim.-Forsch (Drug Res.)</i> , 1976, 26(4):577-579.	
RP	R9	HOLLMANN, M. et al. "Cloned Glutamate Receptors" <i>Annu. Rev. Neurosci.</i> , 1994, 17:31-108.	
RP	R10	KNOPFEL, T. et al. "Metabotropic glutamate receptors: Novel targets for drug development" <i>Journal of Medicinal Chemistry</i> , April 1995, 38(9):1417-1426.	
RP	R11	MAIESE, K. et al. "Group I and Group II metabotropic glutamate receptor subtypes provide enhanced neuroprotection" <i>Journal of Neuroscience Research</i> , 2000, 62:257-272.	
RP	R12	MEYER, J.S. et al. "Neurotransmitter precursor amino acids in the treatment of multi-infarct Dementia and Alzheimer's Disease" <i>Journal of the American Geriatrics Society</i> , July 1977, 25(7):289-298.	
RP	R13	OBRENOVITCH, T.P. "Excitotoxicity in neurological disorders—the glutamate paradox" <i>Int. J. Devl. Neuroscience</i> , 2000, 18:281-287.	

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Rebecca Ponty

Date

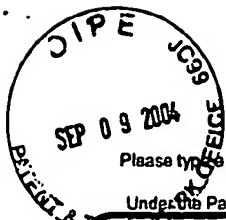
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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## Complete if Known

Application Number	10/051,681
Filing Date	January 16, 2002
First Named Inventor	Daniel Cohen
Group Art Unit	Kenneth R. Horlick
Examiner Name	1637
Attorney Docket Number	G-101US05REG

Sheet 3 of 4

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RP	R14	SAPOLSKY, R.M. "Cellular defenses against excitotoxic insults" <i>Journal of Neurochemistry</i> , 2001, 76:1601-1611.	
RP	R15	SCHOEPP, D.D. <i>et al.</i> "Metabotropic glutamate receptors in brain function and pathology" <i>TIPS</i> , January 1993, 14:13-20.	
RP	R16	SEKIYAMA, N. <i>et al.</i> "Structure-activity relationships of new agonists and antagonists of different metabotropic glutamate receptor subtypes" <i>British Journal of Pharmacology</i> , 1996, 117:1493-1503.	
RP	R17	WATKINS, J. <i>et al.</i> "Phenylglycine derivatives as antagonists of metabotropic glutamate receptors" <i>TIPS</i> , September 1994, 15:333-342.	
RP	R18	ZIPFEL, G.J. <i>et al.</i> "Neuronal apoptosis after CNS injury: The roles of glutamate and calcium" <i>Journal of Neurotrauma</i> , 2000, 17(10):857-869.	
RP	R19	BELARDINELLI, L. <i>et al.</i> "1,3-Dipropyl-8-[2-(5,6-Epoxy)Norbornyl]Xanthine, a Potent, Specific and Selective A <sub>1</sub> Adenosine Receptor Antagonist in the Guinea Pig Heart and Brain and in DDT <sub>1</sub> MF-2 Cells" <i>J. Pharmacol. Exp. Ther.</i> , 1995, 275(3):1167-1176.	
RP	R20	CHOI, D.W. "Excitotoxic Cell Death" <i>J. Neurobiol.</i> , 1992, 23(9):1261-1276.	
RP	R21	DENNIS, D.M. <i>et al.</i> "Homologous Desensitization of the A <sub>1</sub> -Adenosine Receptor System in the Guinea Pig Atrioventricular Node" <i>J. Pharmacol. Exp. Ther.</i> , 1995, 272(3):1024-1035.	
RP	R22	KOSTYUK, P.G. <i>et al.</i> "Effects of intracellular administration of L-tyrosine and L-phenylalanine on voltage-operated calcium conductance in PC12 pheochromocytoma cells" <i>Brain Res.</i> , 1991, 550:11-14.	
RP	R23	KRYSTAL, J.H. <i>et al.</i> "NMDA Agonists and Antagonist as Probes of Glutamatergic Dysfunction and Pharmacotherapies in Neuropsychiatric Disorders" <i>Harv. Rev. Psychiatry</i> , Sept.-Oct. 1999, 7(3):125-143.	
RP	R24	LIPTON, S.A. and P.A. ROSENBERG "Excitatory Amino Acids as a Final Common Pathway for Neurologic Disorders" <i>N. Engl. J. Med.</i> , 1994, 330(9):613-622.	
RP	R25	MARTYNYUK, A.E. <i>et al.</i> "Blocking effect of intraperitoneal injection of phenylalanine on high-threshold calcium currents in rat hippocampal neurons" <i>Brain Res.</i> , 1991, 552:228-231.	
RP	R26	MARTYNYUK, A.E. <i>et al.</i> "Adenosine increases potassium conductance in isolated rabbit atrioventricular nodal myocytes" <i>Cardiovasc. Res.</i> 1995, 30:668-675.	

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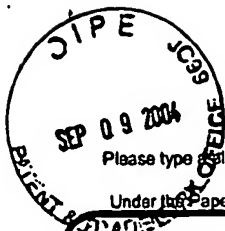
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Application Number	10/051,681
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Sheet 4 of 4

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RP	R27	MARTYNYUK, A.E. <i>et al.</i> "Hyperkalemia Enhances the Effect of Adenosine on I <sub>K,ADO</sub> in Rabbit Isolated AV Nodal Myocytes and on AV Nodal Conduction in Guinea Pig Isolated Heart" <i>Circulation</i> , 1999, 99:312-318.	
RP	R28	MOREY, T.E. <i>et al.</i> "Structure-Activity Relationships and Electrophysiological Effects of Short-Acting Amiodarone Homologs in Guinea Pig Isolated Heart" <i>J. Pharmacol. Exp. Ther.</i> , 2001, 297(1):260-266.	
RP	R29	MOREY, T.E. <i>et al.</i> "Ionic Basis of the Differential Effects of Intravenous Anesthetics on Erythromycin-Induced Prolongation of Ventricular Repolarization in the Guinea Pig Heart" <i>Anesthesiology</i> , 1997, 87:1172-1181.	
RP	R30	SEUBERT, C.N. <i>et al.</i> "Midazolam Selectively Potentiates the A <sub>2A</sub> , but not A <sub>1</sub> , receptor-mediated Effects of Adenosine" <i>Anesthesiology</i> , 2000, 92:567-577.	
RP	R31	TANAKA, H. <i>et al.</i> "The AMPAR subunit GluR2: still front and center-stage" <i>Brain Res.</i> , 2000, 886:190-207.	
RP	R32	WEISS, J.H. and S.L. SENSI "Ca <sup>2+</sup> -Zn <sup>2+</sup> permeable AMPA or kainite receptors: possible key factors in selective neurodegeneration" <i>Trends Neurosci.</i> , 2000, 23(8):365-371.	
RP	R33	ZIMA, A. <i>et al.</i> "Antagonism of the Positive Dromotropic Effect of Isoproterenol by Adenosine: Role of Nitric Oxide, cGMP-dependent camp-phosphodiesterase and Protein Kinase G" <i>J. Mol. Cell. Cardiol.</i> , 2000, 32:1609-1619.	
RP	R34	GLUSHAKOV, A.V. <i>et al.</i> "L-phenylalanine selectively depresses currents at glutamatergic excitatory synapses" <i>J. Neurosci. Res.</i> , 2003, 72:116-124.	
RP	R35	GLUSHAKOV, A.V. <i>et al.</i> "Specific inhibition of N-methyl-D-aspartate receptor function in rat hippocampal neurons by L-phenylalanine at concentrations observed during phenylketonuria" <i>Molecular Psychiatry</i> , 2002, 7:359-367.	
RP	R36	LIECHTY, E.A. <i>et al.</i> "Aromatic amino acids are utilized and protein synthesis is stimulated during amino acid infusion in the ovine fetus" <i>J. Nutrition</i> , 1999, 129:1161-1166.	
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		Filing Date	January 16, 2002
		First Named Inventor	D. COHEN, et al.
		Art Unit	1645
		Examiner Name	Unassigned
Sheet 1 of 10	Attorney Docket Number	101.US5.REG	

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		Number - Kind Code <sup>3</sup> (if known)				
PP PP PP PP PP PP PP PP PP PP PP PP PP PP PP PP PP	U1	US-	6.184.218 B1	02/06/2001	Evenden, et al.	
	U2	US-	6.218.544 B1	04/17/2001	Li, et al.	
	U3	US-	6.214.846 B1	04/10/2001	Elliott	
	U4	US-	6.232.326	05/15/2001	Nelson	
	U5	US-	6.174.909	01/16/2001	Falch, et al.	
	U6	US-	5.965.571	10/12/1999	Hutchinson	
	U7	US-	5.610.195	03/11/1997	Frei, et al.	
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	F1	WO 00/22122 A2		04/20/2000	Genset	
	F2	WO 01/40493 A2		06/07/2001	Genset	
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		First Named Inventor	D. COHEN, et al.
		Group Art Unit	1645
		Examiner Name	Unassigned
		Attorney Docket Number	101.US5.REG
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	R1	ALSTON, T. et al. "Suicide inactivation of D-amino acid oxidase by 1-chloro-1-nitroethane"; The Journal of Biological Chemistry, Vol 258, N°2 : 1136-41, January 25, 1983	
	R2	BARAM, T. and al. "CRH gene expression in the fetal rat is not increased after pharmacological adrenalectomy"; Neuroscience Letters, Vol 142 : 215-8, 1992	
	R3	BARANANO, D. et al. "Atypical neural messengers"; Trends in Neurosciences, Vol 24, N°2 : 99-106, February 2001	
	R4	BRACHET, P. et al. "Kinetics of the inhibition of hog kidney D-amino acid oxidase by short-, medium- and long-chain fatty acids"; Biochemistry International, Vol 22, N°5 : 837-42, December 1990	
	R5	CHUN, W. et al. "Tissue transglutaminase selectively modifies proteins associated with truncated mutant Huntingtin in intact cells"; Neurobiology of Disease, Vol 8 : 391-404, 2001	
	R6	D'ANIELLO, A. et al. "Biological role of D-amino acid oxidase and D-aspartate oxidase effects of D-amino acids"; The Journal of Biological Chemistry, Vol 268, N°36 : 25841-9, December 25, 1993	
	R7	D'ANIELLO, A. et al. "Further study on the specificity of D-amino acid oxidase and of D-aspartate oxidase and time course for complete oxidation of D-amino acids"; Comp. Biochem. Physiol., Vol 105B, N°3/4 : 731-4, 1993	
	R8	DIXON, M. et al. "D-amino acid oxidase - I. Dissociation and recombination of the holoenzyme"; Biochimica et Biophysica Acta, Vol 96 : 357-67, 1965	
	R9	D'SILVA, C. et al. "Identification of methionine-110 as the residue covalently modified in the electrophilic inactivation of D-amino acid oxidase by O-(2,4-dinitrophenyl) hydroxylamine"; Biochemistry, Vol 26 : 1717-22, 1987	
	R10	DOOT, G. et al. "The human L-pipecolic acid oxidase is similar to bacterial monomeric sarcosine oxidases rather than D-amino acid oxidases"; Cell Biochemistry and Biophysics, Vol 32 : 313-6, 2000	
	R11	FERTI, C. et al. "Reactivity of D-amino acid oxidase with 1,2-cyclohexanedione : evidence for one arginine in the substrate-binding site". Eur J Biochem, Vol 119 : 553-7, 1981	

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	R12	FONDA, M., et al. "D-amino acid oxydase"; The Journal of Biological Chemistry, Vol 243, N°8 : 1931-5, April 25, 1968
	R13	KRAUS, J.L., et al. "Tetrazole isosteres of biologically active acids and their effects on enzymes"; Research Communications in Chemical Pathology and Pharmacology, Vol 83, N°2 : 209-22, February 1994
	R14	GADDA, G., et al. "Characterization of 2-oxo-3-pentynoate as an active-site-directed inactivator of flavoprotein oxidases : identification of active-site peptides in tryptophan 2-monooxygenase"; Biochemistry, Vol 36 : 5822-28, 1999
	R15	GADDA, G., et al. "Chemical modification of lysyl residues of Rhodospirillum rubrum D-amino acid oxydase"; Biochemistry and Molecular Biology International, Vol 33, N°5, 947-55, August 1994
	R16	HAMILTON, G., et al. "The inhibition of mammalian D-amino acid oxydase by metabolites and drugs. Inferences concerning physiological function"; Bioorganic Chemistry, Vol 11 : 350-70, 1982
	R17	HASHIMOTO, A., et al. "Free D-aspartate and D-serine in the mammalian brain and periphery"; Progress in Neurobiology, Vol 52 : 325-53, 1997
	R18	HASHIMOTO, A., et al. "Free D-serine, D-aspartate and D-alanine in central nervous system and serum in mutant mice lacking D-amino acid oxydase"; Neuroscience Letters, Vol 152 : 33-6, 1993
	R19	HASHIMOTO, A., et al. "Embryonic development and postnatal changes in free D-aspartate and D-serine in the human prefrontal cortex"; Journal of Neurochemistry, Vol 61 : 348-51, 1993
	R20	HORIIE, K., et al. "Interaction between D-amino acid oxydase and small molecules"; Journal of Biochemistry, Vol 80 : 1073-83, 1976
	R21	HUANG, J., et al. "Hepatocyte-catalysed detoxification of cyanide by L- and D-cysteine"; Biochemical Pharmacology, Vol 55 : 1983-90, 1998
	R22	KAPOOR, R., et al. "Distribution of D-amino acid oxydase (DAO) activity in the medulla and thoracic spinal cord of the rat : implications for a role for D-serine in autonomic function"; Brain Research, Vol 771 : 351-55, 1997

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R23		KONNO, R, et al. "Mouse mutant deficient in D-amino acid oxidase activity"; Genetics, Vol 103 : 277-85, February 1983	
R24		MARCOTTE, P, et al. "Sequence of reactions which follows enzymatic oxidation of allylglycine"; Biochemistry, Vol 17, N° 26 : 5620-6, 1978	
R25		MARCOTTE, P, et al. "Vinylglycine and propargylglycine : complementary suicide substrates for L-amino acid oxidase and D-amino acid oxidase"; Biochemistry, Vol 15, N°14 : 3070-5, 1976	
R26		MASSEY, V, et al. "On the interpretation of the absorption spectra of flavoproteins with special reference to D-amino acid oxidase"; Biochemistry, Vol 4, N°6 : 1161-73, June 1965	
R27		ROBINSON, JM, et al. "Localization of D-amino acid oxidase on the cell surface of human polymorphonuclear leukocytes"; J Cell Biology, Vol 77 : 59-71 1978	
R28		MATTEVI, A "The PHBH fold : not only flavoenzymes"; Biophysical Chemistry, Vol 70 : 217-22, 1998	
R29		MATTEVI, A, et al. "Crystal structure of D-amino acid oxidase : a case of active site mirror-image convergent evolution with flavocytochrome b2"; Proc. Natl. Acad. Sci. USA, Vol 93 : 7496-501, July 1996	
R30		MELDRUM, BS, et al. "Proconvulsant, convulsant and other actions of the D- and L-stereoisomers of allylglycine in the photosensitive baboon, papio papio"; Electroencephalography and Clinical Neurophysiology, Vol 47 : 383-95, 1979	
R31		MIHALIK, S, et al. "L-pipecolic acid oxidation in the rabbit and cynomolgus monkey"; The Journal of Biological Chemistry, Vol 264, N°5 : 2569-17, February 15, 1989	
R32		MIURA, R, et al. "Studies on the reaction of D-amino acid oxidase with beta-cyano-D-alanine"; J Biochem, Vol 87, N°5 : 1469-81, 1980	
R33		MIURA, R, et al. "C-NMR studies of porcine kidney D-amino acid oxidase reconstituted with C-enriched flavin adenine dinucleotide. Effects of competitive inhibitors"; J Biochem, Vol 101, N°3 : 581-9, 1987	

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		First Named Inventor	D. COHEN, et al.
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	R34	MIYANO, M, et al. "Studies on Phe-228 and Leu-307 recombinant mutants of porcine kidney D-amino acid oxidase: expression, purification and characterization"; J. Biochem., Vol 109, N°1: 171-7, 1991
	R35	MORENO, JA, et al. "Inhibition of D-amino acid oxidase by alpha-keto acids analogs of amino acids"; Enzyme and Microbial Technology, Vol 18: 379-82, 1996
	R36	MOSES, J, et al. "Sodium benzoate differentially blocks circling induced by D- and L- dopa in the hemi-parkinsonian rat"; Neuroscience Letters, Vol 218: 185-8, 1996
	R37	SHIN-ISHI, N, et al. "High-dose ketamine does not induce c-Fos protein expression in rat hippocampus"; Neuroscience Letters, Vol 151: 33-6, 1993
	R38	NEGRI, A, et al. "The kinetic mechanism of beef kidney D-aspartate oxidase"; The Journal of Biological Chemistry, Vol 263: 13557-63, September 25, 1988
	R39	NISHINO, T, et al. "Chemical modifications of D-amino acid oxidase"; The Journal of Biological Chemistry, Vol 255, N°8: 3610-6, April 25, 1980
	R40	NISHINA, Y, et al. "Substrate recognition and activation mechanism of D-amino acid oxidase: a study using substrate analogs"; J. Biochem., Vol 126, N°2: 213-23, 2000
	R41	PORTER, D, et al. "Active site chlorination of D-amino acid oxidase by N-chloro-D-leucine"; The Journal of Biological Chemistry, Vol 251, N°19: 6150-3, October 10, 1976
	R42	RAMON, F, et al. "Chemical mechanism of D-amino acid oxidase from Rhodotorula gracilis: pH dependence of kinetic parameters"; Biochem. J., Vol 330: 311-4, 1998
RP	R43	RICCI, G, et al. "Interaction between 1,4-thiazine derivatives and D-amino-acid oxidase"; Biochimica et Biophysica Acta, Vol 748: 40-7, 1983
RP	R44	SHELL, M, et al. "D-aspartate localizations imply neuronal and neuroendocrine roles"; Proc. Natl. Acad. Sci. USA, Vol 94: 2013-8, March 1997

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		Filing Date	January 16, 2002
		First Named Inventor	D. COHEN, et al.
		Group Art Unit	1645
		Examiner Name	Unassigned
		Attorney Docket Number	101.US5.REG
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RP	R45	SHELL, M, et al. "D-serine as a neuromodulator: regional and developmental localizations in rat brain glia resemble NMDA receptors"; The Journal of Neuroscience, Vol 17, N°5 : 1604-15, March 1, 1997	
	R46	SETOYAMA, C, et al. "Structural and functional characterization of the human brain D-aspartate oxidase"; J. Biochem, Vol 124, N°4 : 798-803, 1997	
	R47	SNYDER, SH, et al. "D-amino acids as putative neurotransmitters: focus on D-serine"; Neurochemical Research, Vol 25, N°5 : 553-60, 2000	
	R48	SWENSON, RP, et al. "Methylation of the active center histidine 217 in D-amino acid oxidase by Methyl-p-nitrobenzenesulfonate"; The Journal of Biological Chemistry, Vol 259, N°9 : 5585-90, May 10, 1984	
	R49	SWENSON, RP, et al. "Chemical modification of D-amino acid oxidase"; The Journal of Biological Chemistry, Vol 257, N°4 : 1937-44, February 25, 1982	
	R50	TANAKA, F, et al. "Interaction of steroids with D-amino acid oxidase"; Biochimica et Biophysica Acta, Vol 522 : 43-8, 1978	
	R51	VAMECQ, J, et al. "Inhibition of peroxisomal fatty acyl-CoA oxidase by antimycin A"; Biochem J., Vol 248 : 603-7, 1987	
	R52	VAN VELDHOVEN, P, et al. "D-aspartate oxidase, a peroxisomal enzyme in liver of rat and man"; Biochimica et Biophysica Acta, Vol 1073 : 203-8, 1991	
	R53	WANG, H, et al. "Regulation of rat magnocellular neurosecretory system by D-aspartate: evidence for biological role(s) of a naturally occurring free D-amino acid in mammals"; Journal of Endocrinology, Vol 167 : 247-52, 2000	
	R54	WATANABE, F, et al. "Site-specific mutagenesis of lysine-204, tyrosine-224, tyrosine-228, and histidine-307 of porcine kidney D-amino acid oxidase and the implications as to its catalytic function"; J. Biochem, Vol 105, N°6 : 1024-9, 1989	
R55	WINSTEAD, JA, et al. "Gamma-irradiated flavin adenine dinucleotide: a D-amino acid oxidase inhibitor"; Radiation Research, Vol 52 : 520-7, 1972		

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	R56	AMERY, L, et al. "C-terminal tripeptide Ser-Asn-Leu (SNL) of human D-aspartate oxidase is a functional peroxisome-targeting signal"; Biochem J, Vol 336 : 367-71, 1998 - ABSTRACT	
	R57	ARMATI, PJ, et al. "A new medium for in vitro peripheral nervous tissue myelination without the use of antimetabolites"; J Neurosci Methods, Vol 33 (2-3) : 149-55, 1990 - ABSTRACT	
	R58	ARNOLD, G, et al. "Ultrastructural localization of D-amino acid oxidase in microperoxisomes of the rat nervous system"; J Histochem Cytochem, Vol 27(3) : 735-45, 1979 - ABSTRACT	
	R59	ASSI, AA, et al. "An in vitro and in vivo study of some biological and biochemical effects of Sistrurus Malariae Barbouri venom"; Toxicology, Vol 137(2) : 81-94, 1999 - ABSTRACT	
	R60	BEARD, ME "D-aspartate oxidation by rat and bovine renal peroxisomes : an electron microscopic cytochemical study"; J Histochem Cytochem, Vol 38(9) : 1377-84, 1990 - ABSTRACT	
	R61	CIMINI, AM, et al. "Presence of heterogeneous peroxisomal populations in the rat nervous tissue"; Biochim Biophys Acta, Vol 1425(1) : 13-26, 1998 - ABSTRACT	
	R62	COOPER, AJ, et al. "Inhibition of glutamate-aspartate transaminase by beta-methylene-DL-aspartate"; Biochem Pharmacol, Vol 32(4) : 679-89, 1989 - ABSTRACT	
	R63	D'ANIELLO, G, et al. "The role of D-aspartic acid and N-methyl-D-aspartic acid in the regulation of prolactin release"; Endocrinology, Vol 141(10) : 3862-70, 2000 - ABSTRACT	
	R64	D'ANIELLO, G, et al. "Occurrence of free D-aspartic acid in the circumoesophageal ganglia of Aplysia fasciata"; Life Sci, Vol 52(8) : 733-6, 1993 - ABSTRACT	
	R65	DE MORAES, GH, et al. "Effects of D-amino acids on growth rate and kidney D-amino acid oxidase in chicks"; Poult Sci, Vol 66(1) : 98-102, 1987 - ABSTRACT	
	R66	FISHER, GH, et al. "Quantification of D-aspartate in normal and Alzheimer brains"; Neurosci Lett, Vol 143(1-2) : 115-8, 1992 - ABSTRACT	

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	R67	GILBERT, SF, et al. "Selective culture medium enhances survival of neuroblasts from postnatal rodent brain"; Brain Res Bull, Vol 16(6) : 853-60, 1986 - ABSTRACT	
	R68	HASHIMOTO, A, et al. "Anatomical distribution and postnatal changes in endogenous free D-aspartate and D-serine in rat brain and periphery"; Eur J Neurosci, Vol 7(8) : 1657-63, 1995 - ABSTRACT	
	R69	HASHIMOTO, A, et al. "Embryonic development and postnatal changes in free D-aspartate and D-serine in the human prefrontal cortex"; J Neurochem, Vol 61(1) : 348-51, 1993- ABSTRACT	
	R70	NARDINI, M, et al. "Detection of 2H-1,4-thiazine-5,6-dihydro-3-carboxylic acid (aminoethylcysteine ketimine) in the bovine brain"; Biochem Biophys Res Commun, Vol 166(3) : 1251-6, 1990 - ABSTRACT	
	R71	NEGRI, A, et al. "D-aspartate oxidase from beef kidney. Purification and properties"; J Biol Chem, Vol 262(21) : 10026-34, 1987 - ABSTRACT	
	R72	NEGRI, A, et al. "Purification of beef kidney D-aspartate oxidase overexpressed in Escherichia coli and characterization of its redox potentials and oxidative activity towards agonists and antagonists of excitatory amino acid receptors"; Biochim Biophys Acta, Vol 1471(1) : 212-22, 1999 - ABSTRACT	
	R73	PERRY, RH, et al. "Cortical neuropathological and neurochemical substrates of Alzheimer's and Parkinson's diseases"; J Neural Trans Suppl, Vol 24 : 131-6, 1987 - ABSTRACT	
	R74	SHAPIRA, R, et al. "Neuritic plaque amyloid in Alzheimer's disease is highly racemized"; J Neurochem, Vol 50(1) : 69-74, 1988 - ABSTRACT	
	R75	SIKORA, L, et al. "Regulation of L-amino acid oxidase and of D-amino acid oxidase in Neurospora crassa"; Mol Gen Genet, Vol 186(1) : 33-9, 1982 - ABSTRACT	
	R76	TAKATSUKA, H, et al. "Molecular characterization of L-amino acid oxidase from Agkistrodon halys blomhoffii with special reference to platelet aggregation"; Biochim Biophys Acta, Vol 1544(1-2) : 267-77, 2001 - ABSTRACT	
	R77	TEDESCHI, G, et al. "D-aspartate oxidase is present in ovaries, eggs and embryos but not in testis of Xenopus laevis"; Comp Biochem Physiol B Biochem Mol Biol, Vol 124(4) : 489-94, 1999 - ABSTRACT	

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	R78	TEDESCHI, G. <i>et al.</i> , "Properties of the flavoenzyme D-aspartate oxidase from <i>Octopus vulgaris</i> ", <i>Biochim Biophys Acta</i> , Vol. 1207(2): 217-22 (1994) - ABSTRACT	
	R79	TORII, S. <i>et al.</i> , "Molecular cloning and functional analysis of apoxin I, a snake venom-derived apoptosis-inducing factor with L-amino acid oxidase activity", <i>Biochemistry</i> , Vol. 39(12): 3197-205 (2000) - ABSTRACT	
	R80	WAKE, K. <i>et al.</i> , "Exaggerated responses to chronic nociceptive stimuli and enhancement of N-methyl-D-aspartate receptor-mediated synaptic transmission in mutant mice lacking D-amino-acid oxidase", <i>Neurosci. Lett.</i> , Vol. 297(1): 25-8 (2001) - ABSTRACT	
	R81	YAMADA, R., <i>et al.</i> , "Purification and properties of D-aspartate oxidase from <i>Cryptococcus humicola</i> UJ1", <i>Biochim Biophys Acta</i> , Vol. 1294(2): 153-8 (1996) - ABSTRACT.	
	R82	BARKER, R. <i>et al.</i> , "The genetic and biochemical properties of the D-amino acid oxidases in human tissues", <i>Ann. Hum. Genet.</i> , 41(1): 27-42 (1997), Accession No. 004032.	
	R83	MOMOI, K. <i>et al.</i> , "Molecular cloning and sequence analysis of kidney D-amino acid oxidase", <i>FEBS Lett.</i> , 238: 180-184 (1988), Accession No. P14920.	
	R84	SETOYAMA, C. <i>et al.</i> , "Structural and functional characterization of the human brain D-aspartate oxidase", <i>J. Biochem.</i> , 121(4): 798-803 (1997), Accession No. JC5438.	
	R85	CRUZ, L.J. <i>et al.</i> , "Mutual antagonism in the metabolism of D-valine and D-leucine and antagonism by their analogs", <i>Arch Biochem Biophys.</i> , 1969, 135(1):341-9, PubMed, PMID: 4391341.	
	R86	DE KOK, A. <i>et al.</i> , "Studies on L-amino acid oxidase. I. Effects of pH and competitive inhibitors", <i>Biochim Biophys Acta</i> , 1968, 167(1): 35-47, PubMed, PMID: 5693709.	
	R87	DE MARCHI, W.J. <i>et al.</i> , "The oxidation of glycine by D-amino acid oxidase in extracts of mammalian central nervous tissue", <i>J Neurochem.</i> , 1969, 16(3):355-61. PubMed, PMID: 4389537.	
	R88	MCFARLANE, I.G. <i>et al.</i> , "Metabolism of leucine in protein-calorie-deficient rats", <i>Biochem J.</i> , 1969, 111(4):565-71, PubMed, PMID: 4388242.	
	R89	MECHER, T. <i>et al.</i> , "Presence of L-amino-acid oxidase in the blood in pemphigus, dermatitis herpetiformis, and herpes zoster", <i>Clin. Chim. Acta</i> , 1969, 24(1): 111-20, PubMed, PMID: 5780154.	

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	R90	MIZON, J. <i>et al.</i> , "Properties of turkey (Meleagris gallopavo L.) liver L-amino acid oxidase", <i>Biochim Biophys Acta</i> , 1970, 212(1):33-42 [article in French], PubMed, PMID 5500943.	
	R91	NEIMS, A.H. <i>et al.</i> , "Distribution of D-amino acid oxidase in bovine and human nervous tissues", <i>J Neurochem.</i> 1966, 13(3):163-8, PubMed, PMID: 4380208.	
	R92	NISHIKIMI, M. <i>et al.</i> , "The occurrence of superoxide anion in the reaction of reduced phenazine methosulfate and molecular oxygen", <i>Biochem Biophys Res Commun.</i> , 1972, 46(2):849-54, PubMed, PMID: 4400444.	
	R93	SHINWARI, M.A. <i>et al.</i> , "Naturally occurring inhibition and activation of avian liver L-amino acid oxidase", 1967, 104(3): 53P - 54P, PubMed, PMID: 6049890.	
	R94	SINGER, S. <i>et al.</i> , "The effects of the administration of sodium benzoate and diethylstilbestrol disulfate on the hepatic levels of several glucocorticoid-sensitive enzymes in adrenalectomized rats", <i>Biochim Biophys Acta.</i> , 1967, 146(2):443-51, PubMed, PMID: 4383683.	
	R95	SIVA SANKAR, D.V. <i>et al.</i> , "The effect of chlorpromazine and of oxygen on the substrate-inhibition of L-amino acid oxidase", <i>Biochem. Med.</i> , 1975(1): 75-82, PubMed, PMID: 1212242.	
	R96	ZELLER, E.A. <i>et al.</i> , "Interaction of ophidian L-amino acid oxidase with its substrates and inhibitors: role of molecular geometry and electron distribution. Communication 6 on ophidian L-amino acid oxidases", <i>Helv. Chim. Acta</i> , 1974;57(8): 2406-20, PubMed, PMID: 4443288.	
	R97	ZIMMERMAN, S.E. <i>et al.</i> , "Immunochemical studies of L-amino acid oxidase", <i>Biochim Biophys Acta</i> , 1971, 229(1):260-70, PubMed, PMID: 5543611.	
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